

# Lesson 3: Practice

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# Audience

- Those who are new to relational DBs and SQL.

# Objective

To practice concepts learned so far.

# Software & Resources Needed

- Database Server with Interface
  - [MS SQL Server with SQL Server Management Studio](#)
- OR
- [MySQL](#) with MySQL Workbench (part of MySQL install)
- OR
- Online ([sqlfiddle.com](#))
- Data
  - [Test data](#) on Github repo.
- [Github repo](#) for information

# Day 3: Practice

# Try It

Using the EntertainmentAgencyExample DB,  
show me a list of all engagements that occurred during October 2012.

(See <https://youtu.be/ObT06aHKnRA> for a walkthrough of the answer.)

# Try It

Using the EntertainmentAgencyExample DB,  
give me the names of all of our customers by city.

# Try It

Using the EntertainmentAgencyExample DB,  
list all the engagements that start and end on the same day.



# Try It

Using the EntertainmentAgencyExample DB,  
show me all the engagements that run for four days.

# Try It

Using the SalesOrdersExample DB,  
show me an alphabetical list of all products with a retail price of \$125.00 or  
more.

# Try It

Using the SalesOrdersExample DB,  
compile a complete list of vendor names and addresses in vendor name order.

# Try It

Using the SalesOrdersExample DB,  
show me what it would look like if we adjusted each  
product price by reducing it 5%.

# Try It

Using the SalesOrdersExample DB,  
which vendors do we work with that don't have a web site?

# Try It

Using the database `SchoolSchedulingExample`,  
can you show me which students live outside of the Pacific Northwest?

# Try It

Using the database SchoolSchedulingExample,  
give me a staff name and number phone list.

# Try It

Using the database `SchoolSchedulingExample`,  
list all names of students, ordered by city.



# Try It

Using the database `SchoolSchedulingExample`,  
List all the subjects that have a subject code starting with 'MUS'

# Try It

Using the database BowlingLeagueExample,  
What are the tournament schedules for Bolero, Red Rooster, and Thunderbird  
Lanes.

# Try It

Using the database BowlingLeagueExample,  
List each team's lineup (in bowler's table).

# Try It

Using the database RecipesExample Database,  
List all recipes that are a main courses (recipe class = 1) and that have notes.

# Try It

Using the database RecipesExample Database,  
Show me a list of all the ingredients we currently track (no duplicates).